

FIG. 1

FIG. 2

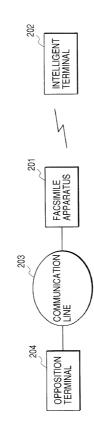


FIG. 3

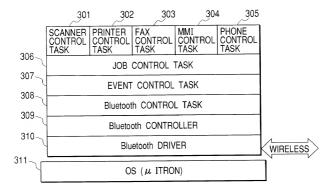
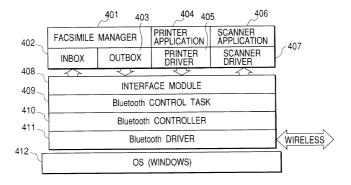


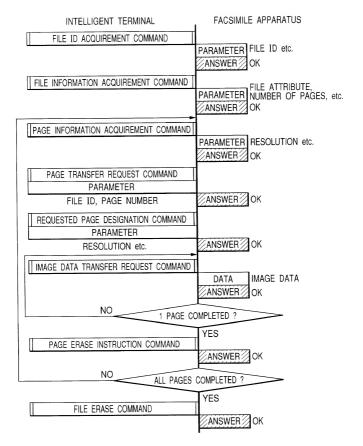
FIG. 4

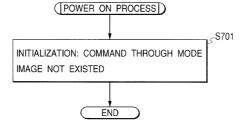


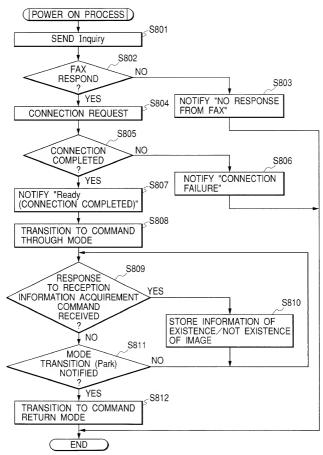
INTELLIGENT TERMINAL	FACSIMILE APPARATUS
Bluetooth CONTROL UNIT	Bluetooth CONTROL UNIT
FACSIMILE CONTROL MANAGER TASK  OWER N Inquiry SEND MASTER N ING REQUEST	Bluetooth CONTROL CONTROL CONTROLLER TASK TASK SLAVE
Inquiry PRO RESULT CONNECTION REQUEST CONNECT	
CONNECTION ESTABLIC PROCED	SHMENT CONNECTION
COMMAND THROUGH MODE	COMMAND THROUGH MODE
INITIALIZATIO	PROCESS
RECEPTION INFORMATION ACQUIREMENT COMMAND	
	RESPONSE: IMAGE NOT EXISTED
STATE INFORMATION ACQUIREMENT COMMAND	
ACCONTENENT COMMINE	RESPONSE: NORMAL STATE
	REQUEST FOR TRANSITION TO Park Mode
MODE CHANGE FOR TRANSTITION TO Park	JRE MODE CHANGE
COMMAND RETURN MODE RECEPTION INFORMATION ACQUIREMENT COMMAND	RECEPTION INFORMATION ACQUIREMENT COMMAND
RESPONSE: IMAGE NOT EXISTED:	RESPONSE: IMAGE NOT EXISTED
STATE INFORMATION ACQUIREMENT COMMAND	STATE INFORMATION ACQUIREMENT COMMAND RESPONSE:
RESPONSE: NORMAL STATE	NORMAL STATE

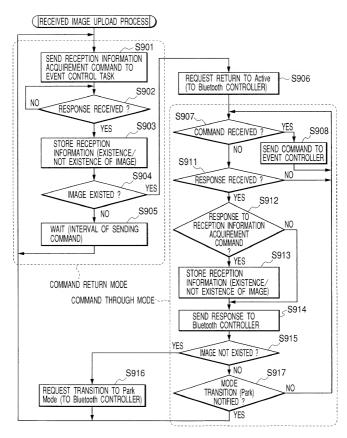
# 5/72 **FIG. 6**

INTELLIGENT TERMINAL	FACSIMILE APPARATUS
Bluetooth CONTROL UNIT	Bluetooth CONTROL UNIT
FACSIMILE CONTROL Bluetooth MANAGER TASK CONTROLLER	Bluetooth EVENT CONTROL CONTROLLER TASK TASK
RECEPTION INFORMATION ACQUIREMENT COMMAND RESPONSE: IMAGE NOT EXISTED MODE CHANGE PROCEDUR NOTIFICATION COMMAND THROUGH MODE	
RECEPTION IMAGE DATA	TRANSFER PROCEDURE
RECEPTION INFORMATION ACQUIREMENT COMMAND	
	RESPONSE: IMAGE NOT EXISTED
STATE INFORMATION ACQUIREMENT COMMAND	
	RESPONSE: NORMAL STATE
MODE CHANCE PROCEDL NOTIFICATION TO PAIK 1	NSITION MODE CHANGE
COMMAND RETURN MODE	COMMAND RETURN MODE
RECEPTION INFORMATION ACQUIREMENT COMMAND	RECEPTION INFORMATION ACQUIREMENT COMMAND
RESPONSE: MAGE NOT EXISTED	RESPONSE: IMAGE NOT EXISTED









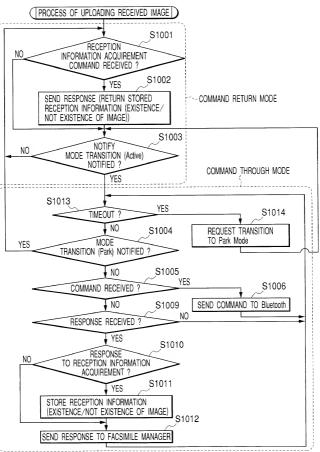


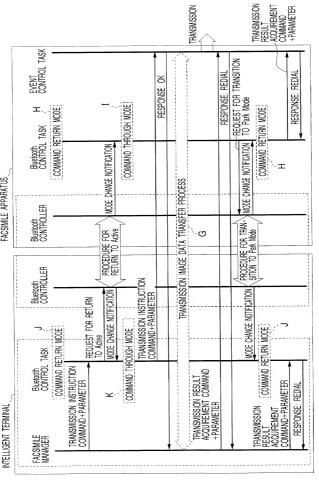
FIG. 12 FACSIMILE APPARATUS.

**TRANSMISSION** EVENT CONTROL TASK RESPONSE: IMAGE "NOT EXISTED" RESPONSE: TRANSMISSION COMPLETION COMMAND RETURN MODE

RECEPTION INFORMATION

ACQUIREMENT COMMAND RESPONSE: OK COMMAND THROUGH MODE COMMAND RETURN MODE Bluetooth CONTROL TASK MODE CHANGE NOTIFICATION MODE CHANGE NOTIFICATION FRANSMISSION IMAGE DATA TRANSFER PROCESS Bluetooth CONTROLLER PROCEDURE FOR TRAN-SITION TO Park Mode PROCEDURE FOR RETURN TO Active G Bluetooth CONTROLLER TRANSMISSION INSTRUCTION MODE CHANGE NOTIFICATION MODE CHANGE NOTIFICATION COMMAND+PARAMETER REQUEST FOR RETURN TO Active COMMAND RETURN MODE COMMAND RETURN MODE COMMAND THROUGH MODE Bluetooth CONTROL TASK RESPONSE: IMAGE "NOT EXISTED" TRANSMISSION INSTRUCTION COMMAND+PARAMETER REQUEST FOR TRANSITION TO Park Mode COMMUNICATION RESULT ACQUIREMENT COMMAND +PARAMETER RECEPTION INFORMATION ACQUIREMENT COMMAND NTELLIGENT TERMINAL FACSIMILE MANAGER

FIG. 13 FACSIMILE APPARATUS,



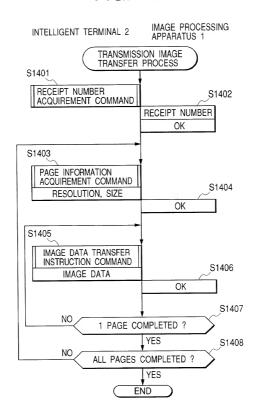
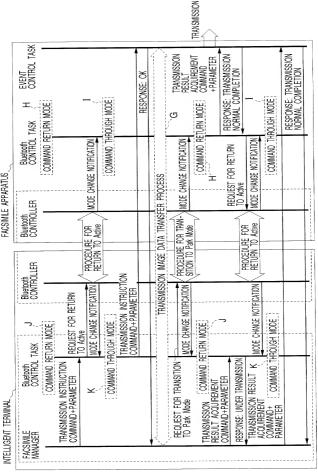
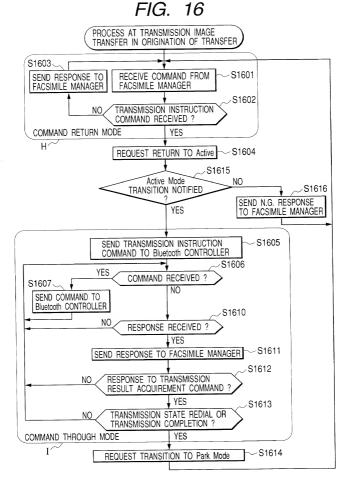


FIG. 15 FACSIMILE APPARATUS.



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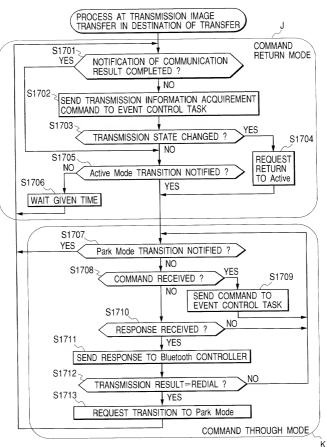
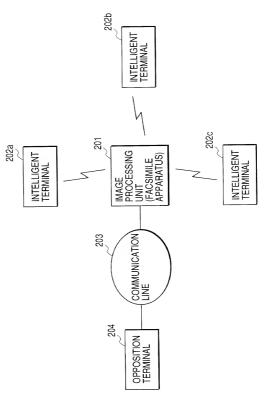
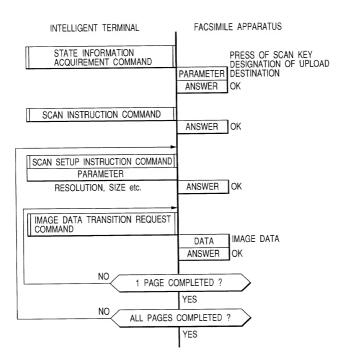


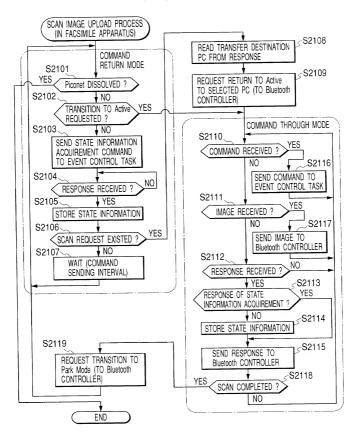
FIG. 18

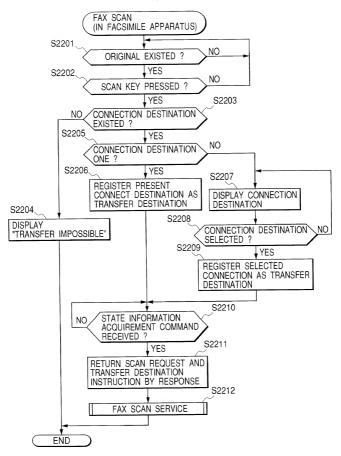


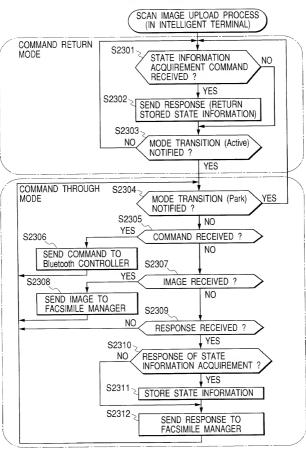


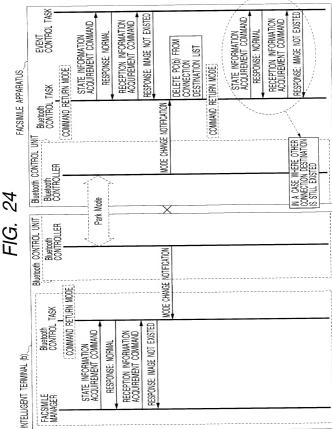
PRESS SCAN KEY & IDESIGNATE UPLOAD DESTINATION EVENT CONTROL TASK RESPONSE: ORIGINAL FOR SCANNING EXISTED TRANSFER DESTINATION PC (a) RESPONSE: NORMAL STATE REQUEST FOR TRANSITION TO Park Mode STATE INFORMATION ACQUIREMENT COMMAND STATE INFORMATION ACQUIREMENT COMMAND RESPONSE: NORMAL COMMAND THROUGH MODE COMMAND RETURN MODE COMMAND RETURN MODE FACSIMILE APPARATUS Bluetooth CONTROL TASK SCAN INSTRUCTION REQUEST FOR RETURN TO Active L MODE CHANGE NOTIFICATION MODE CHANGE NOTIFICATION STATE Bluetooth CONTROL UNI Bluetooth CONTROLLER SCAN DATA TRANSFER PROCESS MODE CHANGE NOTIFICATION PROCEDURE FOR TRAN-PROCEDURE FOR RETURN TO Active Bluetooth CONTROL UNIT Bluetooth CONTROLLER MODE CHANGE NOTIFICATION STATE INFORMATION ACQUIREMENT COMMAND COMMAND THROUGH MODE COMMAND RETURN MODE COMMAND RETURN MODE Bluetooth CONTROL TASK STATE INFORMATION ACQUIREMENT COMMAND STATE INFORMATION ACQUIREMENT COMMAND RESPONSE: NORMAL RESPONSE: NORMAL INTELLIGENT TERMINAL (a) FACSIMILE MANAGER





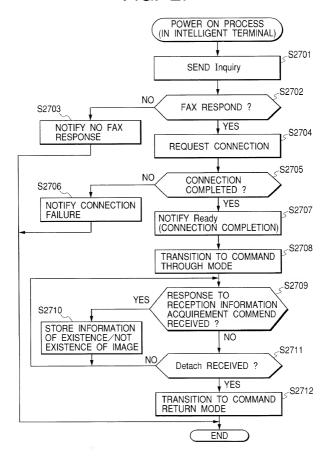


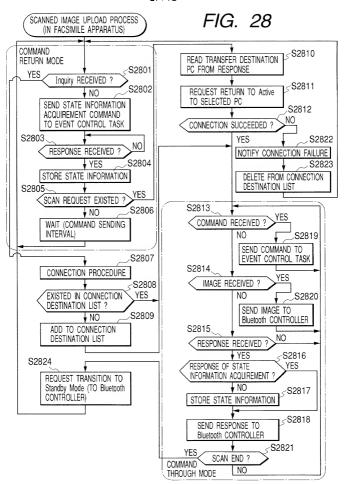




EVENT CONTROL TASK RESPONSE: IMAGE NOT EXISTED RESPONSE: IMAGE NOT EXISTED RESPONSE: NORMAL STATE STATE INFORMATION ACQUIREMENT COMMAND RESPONSE: NORMAL STATE REQUEST FOR TRANSITION TO Standby Mode RECEPTION INFORMATION ACQUIREMENT COMMAND COMMAND THROUGH MODE COMMAND RETURN MODE FACSIMILE APPARATUS Bluetooth CONTROL TASK MODE CHANGE NOTIFICATION CONNECTION RESULT Bluetooth CONTROL UNIT Bluetooth CONTROLLER CONNECTION ESTAB-LISHMENT PROCEDURE NITIALIZATION PROCESS Slave Inquiry PROCEDURE Detach MESSAGE FIG. 25 Bluetooth CONTROL UNIT Bluetooth CONTROLLER Master MODE CHANGE NOTIFICATION Inquiry SENDING REQUEST! CONNECTION REQUEST CONNECTION RESULT RECEPTION INFORMATION ACQUIREMENT COMMAND Inquiry Result STATE INFORMATION ACQUIREMENT COMMAND COMMAND THROUGH MODE COMMAND RETURN MODE Bluetooth CONTROL\_TASK RESPONSE: IMAGE NOT EXISTED STATE INFORMATION ACQUIREMENT COMMAND RESPONSE: NORMAL STATE RECEPTION INFORMATION ACQUIREMENT COMMAND Ready INTELLIGENT TERMINAL FACSIMILE MANAGER POWER ON SI

	PRESS SCAN KEY & DESIGNATE	DESTINATION (a)	23712			
FACSIMILE APPARATUS	L UNIT Buetooth CONTROL TASK CONTROL TASK CONTROL TASK COMMAND RETURN MODE	STATE INFORMATION ACQUIREMENT COMMAND RESPONSE: ORIGINAL FOR SCANNING ENSITED SCANNING ENSITED INSTRUCTION TRANSFER DESTINATION PC (a)	Inquiry SENDING REQUEST Inquiry Result CONNECTION PRSUIT	COMMAND THROUGH MODE	RESPONSE: NORWAL STATE	MODE CHANGE NOTFICATION  COMMAND RETURN MODE  STATE INFORMATION  ACQUIREMENT COMMAND  RESPONSE. NORMAL STATE  RESPONSE. NORMAL STATE
71G. 20	Bluetooth CONTROL UNIT Bluetooth CONTROL UNIT Bluetooth CONTROLLER CONTROLLER CONTROLLER	STATE	Inquiry PROCEDURE	LISHMENT PROCEDURE N DATA TRANSFER PROCE		Detach MESSAGE
(a)	Bluetooth CONTROL TASK COMMAND RETURN MODE		<b>A</b>	COMMAND THROUGH MODE	STATE INFORMATION ACQUIREMENT COMMAND	MODE CHANGE NOTIFICATION COMMAND RETURN MODE COMMAND MAL STATE
INTELLIGENT TERMINAL (a)	FACSIMILE MANAGER		STATE INFORMATION ACQUIREMENT COMMAND RESPONSE: NORMAL STATE		STATE INFORMA	STATE INFORMATION ACQUIREMENT COMMAND RESPONSE. NORMAL STATE





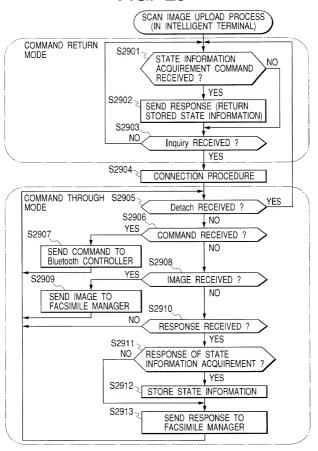
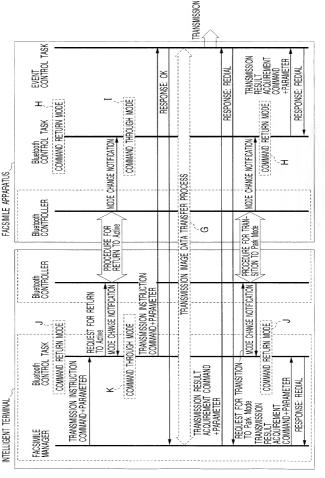


FIG. 30 FACSIMILE APPARATUS



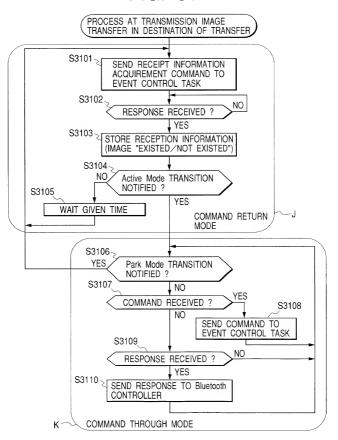


FIG. 32

#### 108: OPERATION UNIT

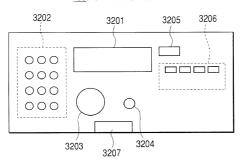
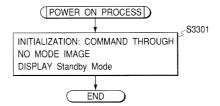
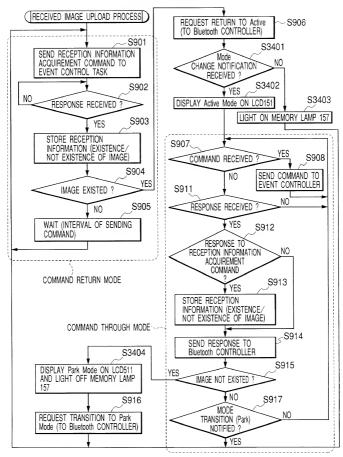
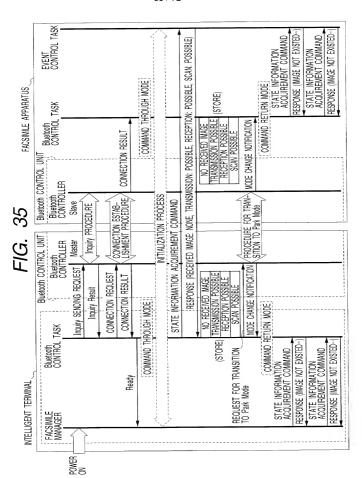


FIG. 33



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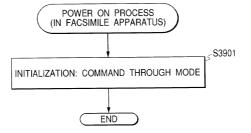
	RECEIVE	IMAGE						
FACSIMILE APPARATUS	Buelooth CONTROL TASK CONTROL TASK COMMAND RETURN MODE	NOT STATE INFORMATION  ACQUIREMENT COMMAND  RESPONSE (MAGE EXISTED)	ED Adrine Artinon	COMMAND THROUGH MODE	RESPONSE (RECEVED MAGE: EXISTED, TRANSMISSON: POSSIBLE, RECEPTION: POSSIBLE, SCAN: POSSIBLE, FOR TRANSMISON AND AND AND AND AND AND AND AND AND AN	NOTIFICATION COMMAND RETURN MODE	STATE INFORMATION ACQUIREMENT COMMAND RESPONSE (IMAGE EXISTED)	STATE INFORMATION ACQUIREMENT COMMAND RESPONSE (MAGE NOT EXISTED)
F/G. 36 FACSII	Bluetooth CONTROL UNIT Blue CON CONTROLLER	EXISTED EXISTED		MAND	TED, TRANSMISSION: POSSIBLE,	MODE CHANGE		
FIG	Bluetooth CONTROL UNIT Bluetooth CONTROLLER	5	MODE CHARGE NOTIFICATION RETURN TO Active	STATE INFORMATION ACQUIREMENT COMMAND	REQUEST FOR TRANSITION TO Park Mode	THOUSE CHANGE NOTIFICATION STITON TO PAK Mode		
Intelligent Terminal	MILLE Buescoth CONTROL TASK GER COMMAND RETURN MODE	MAGE NOT EXISTED	STATE INFORMATION ACQUIREMENT COMMAND RESPONSE (MAGE NOT EXISTED <sup>-1</sup> ) MODE CHAN	STATE IN	STATE INFORMATION ACQUIREMENT COMMAND REQUEST RESPONSE IMAGE NOT EXISTED) TO Park M	-21	STATE INFORMATION EXISTED ACQUIREMENT COMMAND EXISTED	That once (minds that of the
NTELLIC	FACSIMILE MANAGER							

INTELLIGENT TEDMINIAL

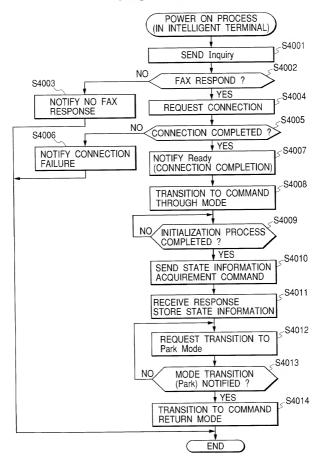
ᆵ	INTELLIGENT TEHMINAL				-	עססוואוורך עו ו עווען סס	S I I I I I I I I I I I I I I I I I I I		Γ
FAC	FACSIMILE Bluetooth CONTROL TASK	Bluetooth	CONTROL UNIT	Bluetooth CONT	Bluetooth CONTROL UNIT	Bluetooth CONTROL TASK		EVENT CONTROL TASK	×5.
		NODE	HOLLER			COMMAND RETURN MODE	URN MODE		_
	RECEPTION INFORMATION ACQUIREMENT COMMAND	IMAGE EXISTED				IMAGE EXISTED			
	RESPONSE (IMAGE NOT EXISTED)	OPERATION							
	ILLUL I ION OI LOAD OOM	PEOULE CONTROL OF THE PROPERTY							
	(RESPONSE: N.G.)	MODE CHANGE NOTIFICATION		PROCEDURE FOR RETURN TO Active	MODE CHANGE NOTIFICATION	OTIFICATION			
		RECEPTION UPLOAD COMMANIND	<sup>7</sup> 9	`	0	COMMAND THROUGH MODE	OUGH MODE		_
	COMMAND TH	COMMAND THROUGH MODE					RESPONSE: OK	SE: OK	$\overline{}$
		RECEPTION	MAGE DATA	RECEPTION IMAGE DATA TRANSFER PROCEDUR	ROCEDURE				7
		STATE INFORMATION ACQUIREMENT COMMAND	UIREMENT	COMMAND					_
		RESPONSE (RECEIVED MAGE, NONE, TRANSMISSION, POSSIBLE, RECEPTION: POSSIBLE, SCAN: POSSIBLE	EIVED IMAGE:	NONE, TRANSIA	ission: Pośsie	ILE, RECEPTIO	N: POSSIBLE, SC	AN: POSSIBLE	
		IMAGE NOT FXISTED				IMAGE NOT EXISTED			
	REQUEST FOR TRANSITION — TO Park Mode	MODE CHANGE NOTIFICATION	PROCEDURE SITION TO B	PROCEDURE FOR TRAN- SITION TO Park Mode	MODE CHANGE NOTIFICATION	OTIFICATION			
	COMMAND R	COMMAND RETURN MODE		7	.19.1	COMMAND RETURN MODE	TURN MODE		
	STATE INFORMATION ACQUIREMENT COMMAND						STATE INFORMATION ACQUIREMENT COMMAND	MATION T COMMAND	4
	RESPONSE (IMAGE NOT EXISTED)					<u> </u>	RESPONSE (IMAGE NOT EXISTED	E NOT EXISTED	T
J			-		for a second				

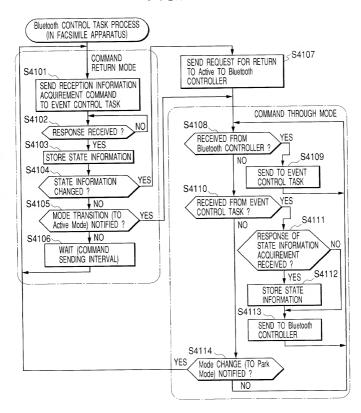
TRANSMISSION EVENT CONTROL TASK RESPONSE (RECEIVED IMAGE: NONE, TRANSMISSION: POSSIBLE, RECEPTION: POSSIBLE, SCAN: POSSIBLE) ESPONSE: OK COMMAND THROUGH MODE COMMAND RETURN MODE COMMAND RETURN MODE FACSIMILE APPARATUS Bluetooth CONTROL TASK TRANSMISSION POSSIBLE MODE CHANGE NOTIFICATION MODE CHANGE NOTIFICATION TRANSMISSION IMAGE DATA TRANSFER PROCEDURE Bluetooth CONTROL UNIT Bluetooth PROCEDURE FOR TRAN-SITION TO Park Mode STATE INFORMATION ACQUIREMENT COMMAND PROCEDURE FOR RETURN TO Active TRANSMISSION INSTRUCTION COMMAND Bluetooth CONTROL UNIT Bluetooth CONTROLLER REQUEST FOR RETURN TO Active MODE CHANGE NOTIFICATION MODE CHANGE NOTIFICATION THANSMISSION POSSIBLE OPERATION POSSIBLE TRANSMISSION POSSIBLE COMMAND THROUGH MODE COMMAND RETURN MODE COMMAND RETURN MODE Bluetooth CONTROL TASK TRANSMISSION INSTRUCTION COMMAND REQUEST FOR TRANSITION-TO Park Mode (RESPONSE: N.G.) OPERATION INCAPABLE NTELLIGENT TERMINAL FACSIMILE MANAGER TRANSMISSION INSTRUCTION OPERATION

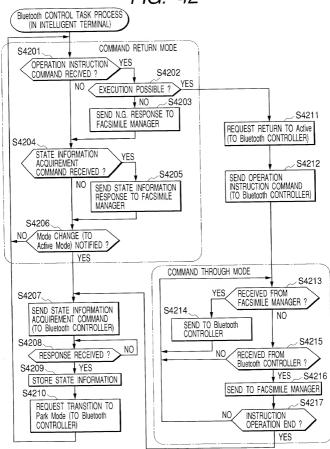
FIG. 39



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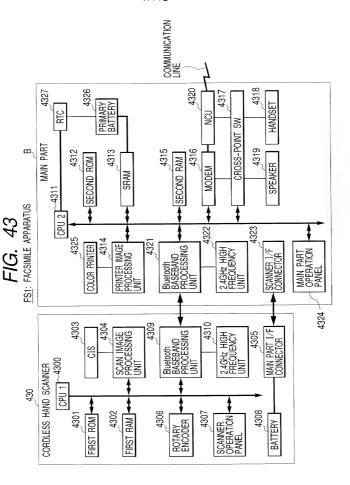


FIG. 44

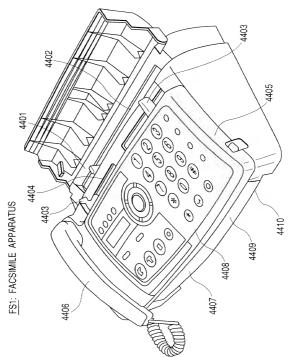


FIG. 45

4408: OPERATION PANEL IN MAIN PART

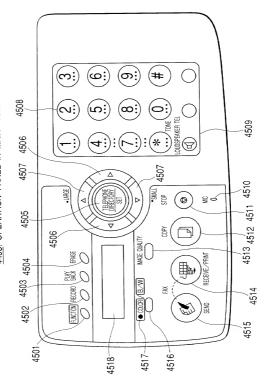
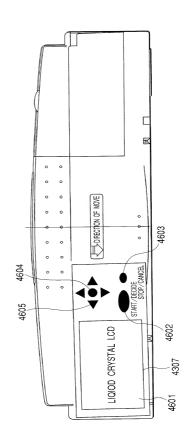


FIG. 46  $_{430}$ : CORDLESS HAND SCANNER



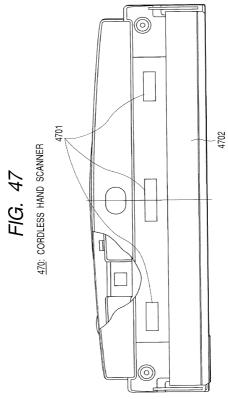


FIG. 48
INITIALIZATION OPERATION OF HAND SCANNER 430

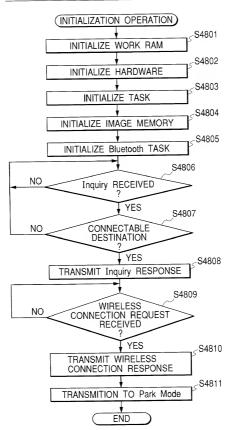


FIG. 49

OPERATION FOR TRANSITION OF HAND SCANNER 430 TO Park Mode OF HAND SCANNER 430

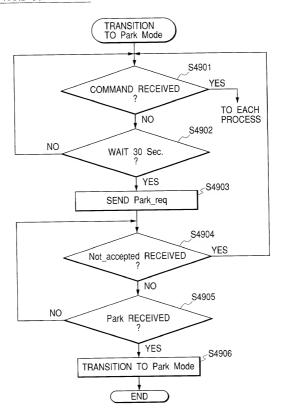
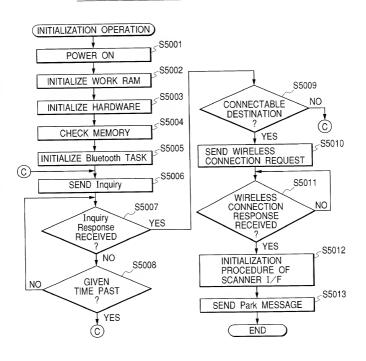


FIG. 50

### INITIALIZATION OPERATION OF MAIN PART B



*FIG. 51* 

			_			
				DATA		
PAYLOAD 0 TO 2745bit				DATA	1 1	¥ * C
			STED)	MAIL	T EXISTEI	
ACCESS CODE HEADER 72bit 54bit		PAYLOAD	(DATA EXISTED)	MAIL_ID MAIL	(DATA NOT EXISTED)	
	_					

DATA

# The Roll Con. To face, Sail Con. Said Con Said C

### FIG. 52

## EXAMPLE OF PACKET (1)

PAYLOAD 0 TO 2745bit ACCESS CODE | HEADER | 54bit **PACKET** 

PAYLOAD			
MAIL_ID	MAIL	DATA	DATA
• Version	<ul> <li>Command</li> </ul>		
<ul> <li>Pix clear</li> </ul>	<ul> <li>Mail size</li> </ul>	MUL	
(MAIL_ID)	·No1		
· Total size · No2	• No2		
	• No3		

- · Version is a management version of an interface command/response
  - · Pix clear is MAIL\_ID for an image deletion
- · Total\_size is a total size of payload portion
- Command indicates a request command
- Mail size is an information size included in MAIL
   No.1, No.2 and No.3 are management number of image to be cancelled which is specified by the operation in main part · NULL is zero. In this example, DATA portion is zero since the image data etc. is not included

# The first form with the first to gove any or press for the first f

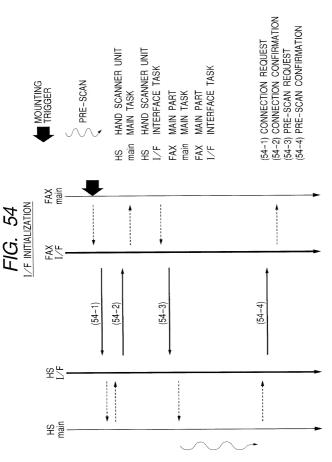
## FIG. 53

## EXAMPLE OF PACKET (2)

PAYLOAD 0 TO 2745bit	
IEADER 54bit	
ACCESS CODE P	

	DATA	1_line_DATE				
	DATA SIZE	1 line	size			
		· Line_up · Re_command (MAIL_ID) · Mail_size		<ul> <li>Image size</li> <li>Resolution</li> </ul>	· Color	Compression method
PAYLOAD	MAIL ID MAIL  Version · Resp	· Line_up (MAIL_ID)	- Total size			

- · Version is a management version of an interface command/response
  - · Line\_up is a MAIL\_ID for an image data upload
    - · Total size is a total size of payload portion
- · Response indicates a response which lightens on the basis of the request command
- Re command is an instruction to the main part in a case where there are some operation instructions or error on the hand scanner (for example, STOP, CANCEL, REPLAY, PAUSE, NULL, etc.)
  - · Mail\_size is an information size included in MAIL
- · Image number/image size/resolution/color/compression method indicate information of the image to be transferred
  - 1 Line size is a data size of 1 line of the read image



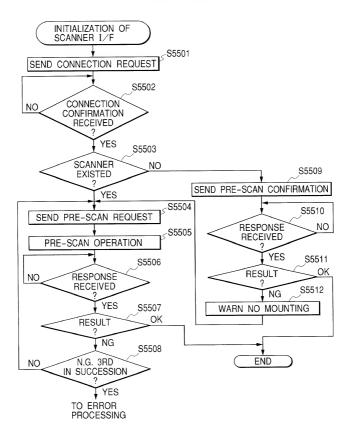
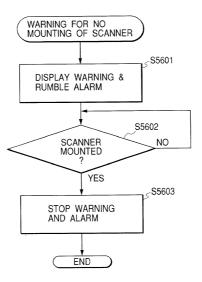
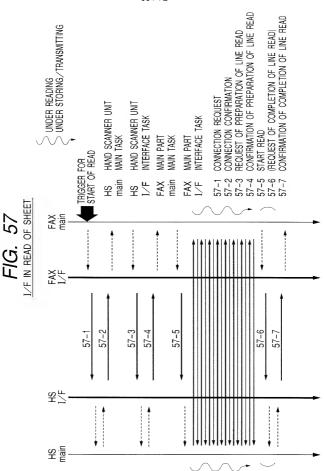
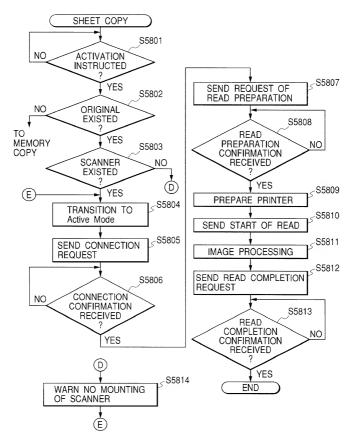


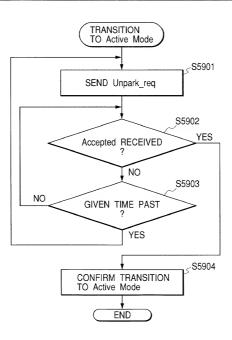
FIG. 56







### OPERATION FOR TRANSITION OF HAND SCANNER 430 TO Active Mode



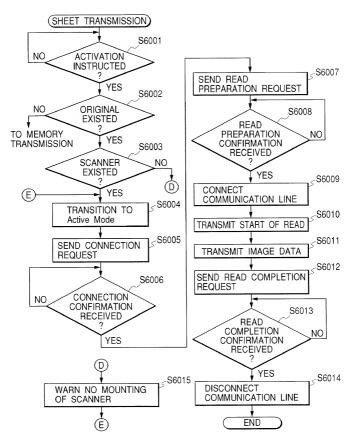
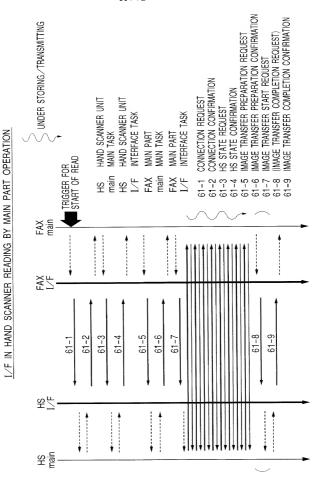
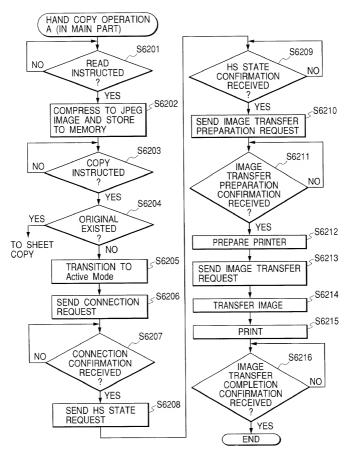
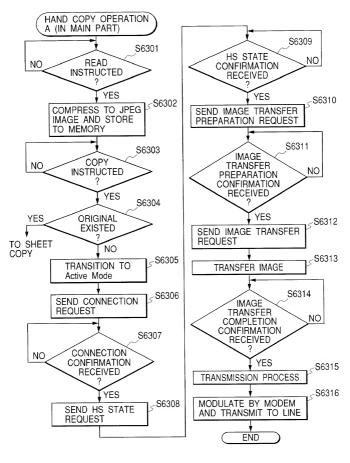
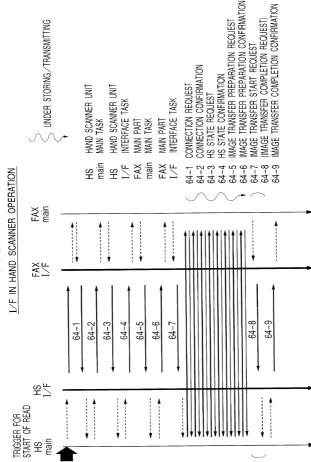


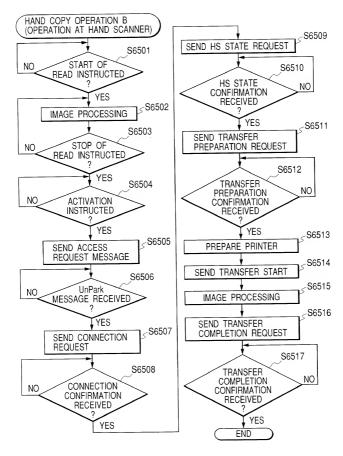
FIG. 61

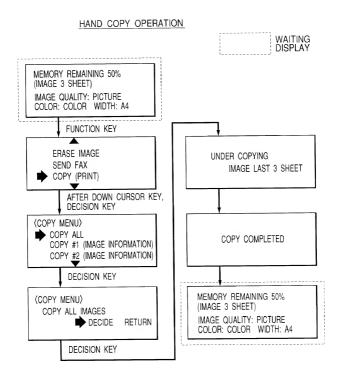


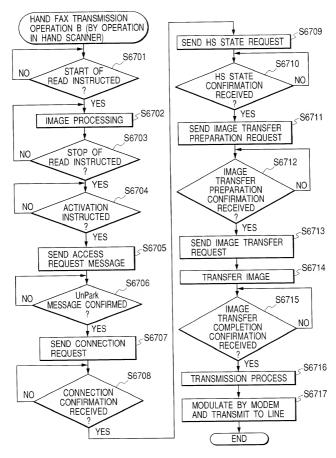


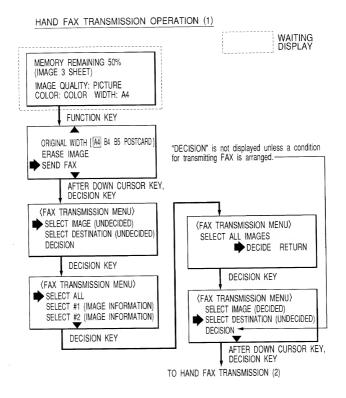












### HAND FAX TRANSMISSION OPERATION (2)

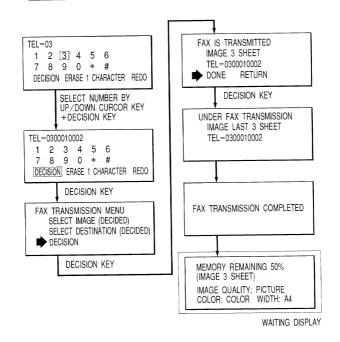
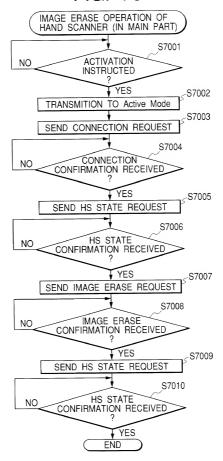
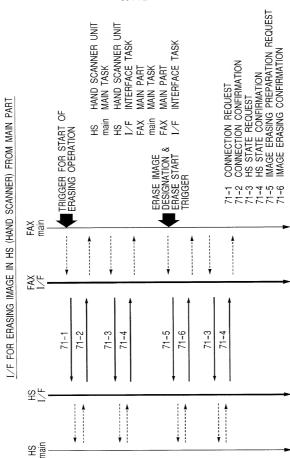
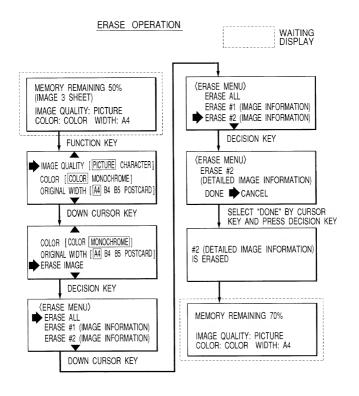


FIG. 70







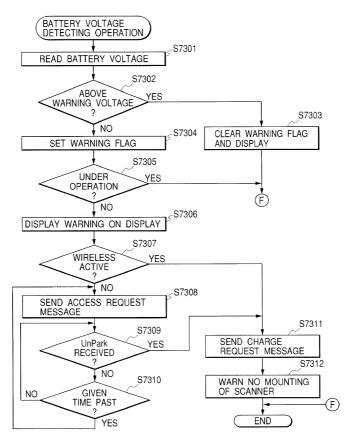


FIG. 74

### TRANSITION OPERATION TO Idle Mode

